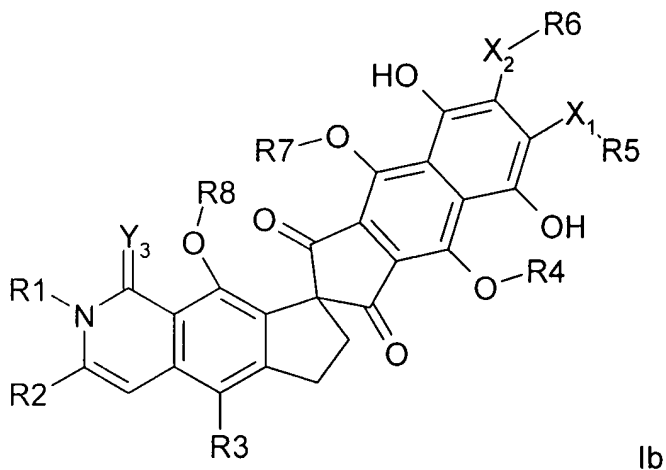
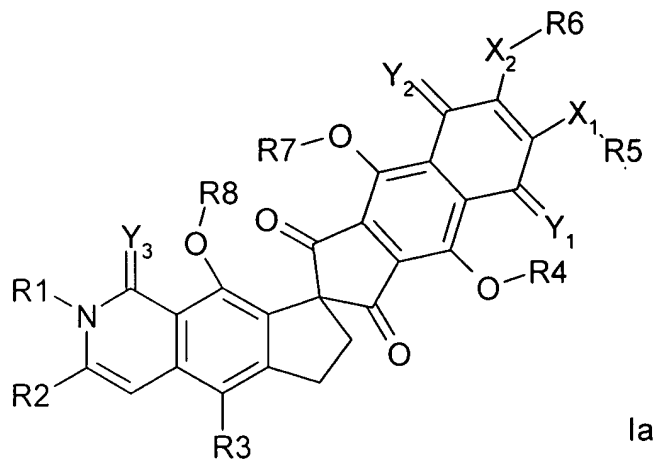


**AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Original) The compounds according to the general formula Ia or Ib:

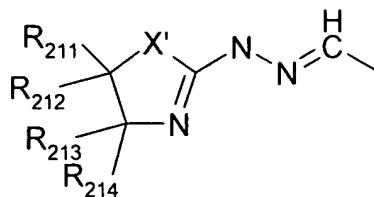


wherein in each,

R1 means H, C<sub>1</sub>-C<sub>6</sub> alkyl, cycloalkyl, C<sub>1</sub>-C<sub>4</sub> alkylcycloalkyl,

R2 means C<sub>1</sub>-C<sub>14</sub> alkyl, C<sub>2</sub>-C<sub>14</sub> alkenyl, C<sub>1</sub>-C<sub>4</sub> alkylaryl, heteroaryl, C<sub>1</sub>-C<sub>4</sub> alkyl heteroaryl, cycloalkyl, C<sub>1</sub>-C<sub>4</sub> alkyl-cycloalkyl, heterocycloalkyl, C<sub>1</sub>-C<sub>4</sub> alkylheterocycloalkyl, C<sub>m</sub>H<sub>2m+0-p</sub>Y<sub>p</sub>

(with  $m = 1$  to  $6$ , for  $o = 1$ ,  $p = 1$  to  $2m+o$ ; for  $m = 2$  to  $6$ ,  $o = -1$ ,  $p = 1$  to  $2m+o$ ; for  $m = 4$  to  $6$ ,  $o = -2$ ,  $p = 1$  to  $2m+o$ ;  $Y$  = independently from each other selected from the group consisting of halogen, OH, OR21, NH<sub>2</sub>, NHR21, NR21R22, SH, SR21), CH<sub>2</sub>NHCOR21, CH<sub>2</sub>NHCSR21, CH<sub>2</sub>S(O)<sub>n</sub>R21, with  $n = 0, 1, 2$ , CH<sub>2</sub>SCOR21, CH<sub>2</sub>OSO<sub>2</sub>-R21, CHO, CH=NOH, CH(OH)R21, -CH=NOR21, -CH=NOCOR21, -CH=NOCH<sub>2</sub>CONR21R22, -CH=NOCH(CH<sub>3</sub>)CONR21R22, -CH=NOC(CH<sub>3</sub>)<sub>2</sub>CONR21R22, -CH=N-NHCO-R23, -CH=N-NHCO-CH<sub>2</sub>NHCOR21, -CH=N-O-CH<sub>2</sub>NHCOR21, -CH=N-NHCS-R23, -CH=CR<sub>24</sub>R<sub>25</sub> (trans or cis), COOH, COOR21,



CONR21R22, -CH=NR21, -CH=N-NR21R22, , with  $X' =$  NR215, O, S, and R211, R212, R213, R214, R215 being independently from each other H or C<sub>1</sub>-C<sub>6</sub> alkyl), -CH=N-NHSO<sub>2</sub> aryl, -CH=N-NHSO<sub>2</sub> heteroaryl,

R21, R22 are independently from each other C<sub>1</sub>-C<sub>14</sub> alkyl, C<sub>1</sub>-C<sub>14</sub> alkanoyl, C<sub>1</sub>-C<sub>6</sub> alkylhydroxy, C<sub>1</sub>-C<sub>6</sub> alkylamino, C<sub>1</sub>-C<sub>6</sub> alkylamino-C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>1</sub>-C<sub>6</sub> alkylamino-di-C<sub>1</sub>-C<sub>6</sub> alkyl, cycloalkyl, C<sub>1</sub>-C<sub>4</sub> alkylcycloalkyl, heterocycloalkyl, C<sub>1</sub>-C<sub>4</sub> alkylheterocycloalkyl, aryl, aryloyl, C<sub>1</sub>-C<sub>4</sub> alkylaryl, heteroaryl, heteroaryloyl, C<sub>1</sub>-C<sub>4</sub> alkylheteroaryl, cycloalkanoyl, C<sub>1</sub>-C<sub>4</sub> alkanoylcycloalkyl, heterocycloalkanoyl, C<sub>1</sub>-C<sub>4</sub> alkanoylheterocycloalkyl, C<sub>1</sub>-C<sub>4</sub> alkanoylaryl, C<sub>1</sub>-C<sub>4</sub> alkanoylheteroaryl, mono- and di-sugar residues linked through a C atom which would carry an OH residue in the sugar, wherein the sugars are independently from each other selected from the group consisting of glucuronic acid and its stereo isomers at all optical C-atoms, aldopentoses, aldohexoses, including their desoxy compounds (such as e.g. glucose, desoxyglucose, ribose, desoxyribose),

R23 independently of R21, has the same meanings as R21, or CH<sub>2</sub>-pyridinium salts, CH<sub>2</sub>-tri-C<sub>1</sub>-C<sub>6</sub> alkylammonium salts,

R24 independently of R21, has the same meanings as R21, or H, CN, COCH<sub>3</sub>, COOH, COOR21, CONR21R22, NH<sub>2</sub>, NHCOR21,

R25 independently of R21, has the same meanings as R21, or H, CN, COCH<sub>3</sub>, COOH, COOR21, CONR21R22, NH<sub>2</sub>, NHCOR21,

R24, R25 together mean C<sub>4</sub>-C<sub>8</sub> cycloalkyl,

R3 means H, F, Cl, Br, I, OH, OR31, NO<sub>2</sub>, NH<sub>2</sub>, NHR31, NR31R32, NHCHO, NHCOR31, NHCOCF<sub>3</sub>, CH<sub>3</sub>-<sub>m</sub>hal<sub>m</sub> (with hal = Cl, F, especially F, and m = 1, 2, 3), OCOR31,

R31, 32 independently from each other mean C<sub>1</sub>-C<sub>6</sub> alkyl,

R5, R6 Independently from each other mean H, C<sub>1</sub>-C<sub>14</sub> alkyl, C<sub>2</sub>-C<sub>14</sub> alkenyl, aryl, C<sub>1</sub>-C<sub>4</sub> alkylaryl, heteroaryl, C<sub>1</sub>-C<sub>4</sub> alkylheteroaryl, cycloalkyl, C<sub>1</sub>-C<sub>4</sub> alkylcycloalkyl, heterocycloalkyl, C<sub>1</sub>-C<sub>4</sub> alkylheterocycloalkyl, C<sub>m</sub>H<sub>2m+o-p</sub>Y<sub>p</sub> (with m = 1 to 6, for o = 1, p = 1 to 2m+o; for m = 2 to 6, o = -1, p = 1 to 2m+o; for m = 4 to 6, o = -2, p = 1 to 2m+o; Y = independently selected from the group consisting of halogen, OH, OR21, NH<sub>2</sub>, NHR21, NR21R22, SH, SR21), or R5 and R6, together with X<sub>1</sub>-C-C-X<sub>2</sub>, form a ring with 5, 6, or 7 members,

R4, R7, R8 independently from each other mean H, C<sub>1</sub>-C<sub>6</sub> alkyl, CO-R41,

R41 independently from R21 has the same meanings as R21,

X1 means O, S, NH, N-C<sub>1</sub>-C<sub>8</sub> alkyl, N-cycloalkyl,

X2 means O, S, NH, N-C<sub>1</sub>-C<sub>8</sub> alkyl, N-cycloalkyl,

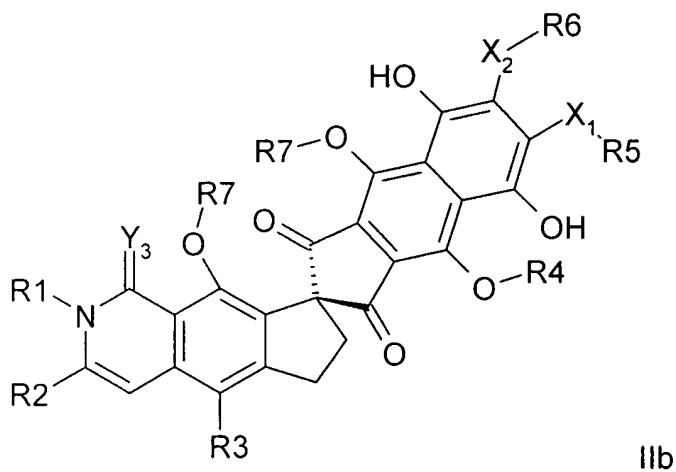
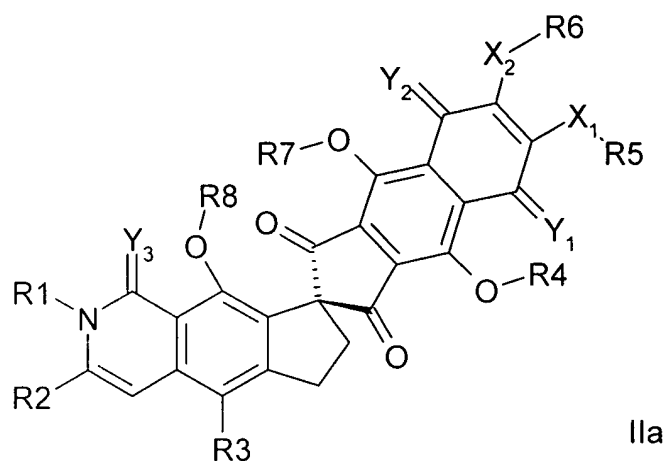
Y1 means O, N-R9, wherein R9 can, independently from R5, adopt the same meanings as R5,

Y2 means O, N-R10, wherein R10 can, independently from R5, adopt the same meanings as R5,

and, if Y1 or Y2 are N-R9 or N-R10, X2-R6 may be H,  
Y3 means O, S, NH,

as well their stereoisomers, tautomers, and their physiologically tolerable salts or inclusion compounds.

2. (Original) The compounds according to claim 1, wherein Formula Ia or Ib adopt the stereochemistry of Formula IIa or IIb



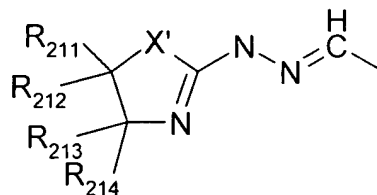
3. (Currently amended) The compounds according to claim 1, claim 1 or 2, wherein the residues R have the meanings indicated above, and wherein R2 has a water solubility that is at least two times higher, preferably at least five times higher, more preferred at least ten times

higher, particularly preferred at least fifty times higher, particularly hundred times higher, or even five hundred times higher compared to R2 being CH=CH-CH=CH-CH<sub>3</sub>, with all other residues being maintained.

4. (Currently amended) The compounds according to one of claim 1, ~~the claims 1 to 3~~, wherein

R1 means H, C<sub>1</sub>-C<sub>5</sub> alkyl, cycloalkyl, especially H,

R2 means C<sub>1</sub>-C<sub>5</sub> alkyl, C<sub>1</sub>-C<sub>4</sub> alkylaryl, C<sub>2</sub>-C<sub>5</sub> alkenyl, heteroaryl, C<sub>1</sub>-C<sub>4</sub> alkylheteroaryl, CHF<sub>2</sub>, CF<sub>3</sub>, polyol side chain, particularly CHOH-CHOH-CHOH-CHOH-CH<sub>3</sub>, CHOH-CHOH-CH=CH-CH<sub>3</sub>, CH=CH-CHOH-CHOH-CH<sub>3</sub>, CH<sub>2</sub>Y (Y = F, Cl, Br, I), CH<sub>2</sub>NH<sub>2</sub>, CH<sub>2</sub>NR<sub>21</sub>R<sub>22</sub>, CH<sub>2</sub>NHCOR<sub>23</sub>, CH<sub>2</sub>NHCSR<sub>23</sub>, CH<sub>2</sub>SH, CH<sub>2</sub>S(O)<sub>n</sub>R<sub>21</sub>, with n = 0, 1, 2, CH<sub>2</sub>SCOR<sub>21</sub>, particularly CH<sub>2</sub>OH, CH<sub>2</sub>OR<sub>21</sub>, CH<sub>2</sub>OSO<sub>2</sub>-R<sub>21</sub>, particularly CHO, CH(OR<sub>21</sub>)<sub>2</sub>, CH(SR<sub>21</sub>)<sub>2</sub>, CN, CH=NOH, CH=NOR<sub>21</sub>, CH=NOCOR<sub>21</sub>, CH=N-NHCO-R<sub>23</sub>, CH=CR<sub>24</sub>, R<sub>25</sub> (trans or cis), particularly COOH (particularly their physiologically tolerable salts), COOR<sub>21</sub>,



CONR<sub>21</sub>R<sub>22</sub>, -CH=NR<sub>21</sub>, -CH=N-NR<sub>21</sub>R<sub>22</sub>, , (with X' =  
 NR<sub>215</sub>, O, S, and R<sub>211</sub>, R<sub>212</sub>, R<sub>213</sub>, R<sub>214</sub>, R<sub>215</sub> being independently from each other H or C<sub>1</sub>-C<sub>6</sub> alkyl), -CH=N-NHSO<sub>2</sub> aryl, -CH=N-NHSO<sub>2</sub> heteroaryl, CH=N-NHCO-R<sub>23</sub>,

R<sub>21</sub>, R<sub>22</sub> independently from each other mean C<sub>1</sub>-C<sub>6</sub> alkyl, cycloalkyl, aryl, C<sub>1</sub>-C<sub>4</sub> alkylaryl, heteroaryl, C<sub>1</sub>-C<sub>4</sub> alkylheteroaryl,

R<sub>23</sub> independently of R<sub>21</sub>, has the same meanings as R<sub>21</sub>, or CH<sub>2</sub>-pyridinium salts, CH<sub>2</sub>-tri-C<sub>1</sub>-C<sub>6</sub> alkylammonium salts,

R<sub>24</sub> independently of R<sub>21</sub>, has the same meanings as R<sub>21</sub>, or H, CN, COCH<sub>3</sub>, COOH, COOR<sub>21</sub>, CONR<sub>21</sub>R<sub>22</sub>, NH<sub>2</sub>, NHCOR<sub>21</sub>,

R25 independently of R21, has the same meanings as R21, or H, CN, COCH<sub>3</sub>, COOH, COOR21, CONR21R22, NH<sub>2</sub>, NHCOR21,

R24, R25 together mean C<sub>4</sub>-C<sub>8</sub> cycloalkyl,

R3 means F, Cl, Br, I, NO<sub>2</sub>, NH<sub>2</sub>, NHCOR31,

R31 independently from each other means C<sub>1</sub>-C<sub>6</sub> alkyl,

R5, R6 independently from each other mean H, C<sub>1</sub>-C<sub>14</sub> alkyl, C<sub>2</sub>-C<sub>14</sub> alkenyl, aryl, C<sub>1</sub>-C<sub>4</sub> alkylaryl, heteroaryl, C<sub>1</sub>-C<sub>4</sub> alkylheteroaryl, cycloalkyl, C<sub>1</sub>-C<sub>4</sub> alkylcycloalkyl, heterocycloalkyl, C<sub>1</sub>-C<sub>4</sub> alkylheterocycloalkyl, C<sub>m</sub>H<sub>2m+o-p</sub>Y<sub>p</sub> (with m = 1 to 6, for o = 1, p = 1 to 2m+o; for m = 2 to 6, o = -1, p = 1 to 2m+o; for m = 4 to 6, o = -2, p = 1 to 2m+o; Y = independently selected from the group consisting of halogen, OH, OR21, NH<sub>2</sub>, NHR21, NR21R22, SH, SR21), or R5 and R6, together with X<sub>1</sub>-C-C-X<sub>2</sub>, form a ring with 5, 6, or 7 members,

R4, R7, R8 independently from each other mean H, C<sub>1</sub>-C<sub>6</sub> alkyl, CO-R41,

R41 independently from R21 has the same meanings as R21,

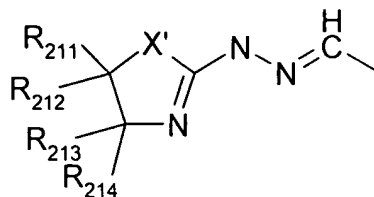
Y3 means O, S, preferably O,

as well their stereoisomers, tautomers, and their physiologically tolerable salts or inclusion compounds.

5. (Currently amended) The compounds according to claim 1 ~~one of the claims 1 to 4~~ in the form of their inclusion compounds with cyclodextrin, particularly alpha cyclodextrin.

6. (Currently amended) Drugs containing compounds according to claim 1 ~~one of the claims 1 to 6~~, as well as the usual carrier and adjuvants.
7. (Original) Drugs according to claim 6 in combination with further agents for tumor treatment.
8. (Currently amended) The use of compounds according to claim 1 ~~one of the claims 1 to 5~~ for preparation of drugs for tumor treatment, particularly of those that can be treated by inhibition of the topoisomerases I and/or II.
9. (Currently amended) The use of compounds according to claim 1 ~~one of the claims 1 to 5~~ for preparation of drugs for treatment of parasites.
10. (Currently amended) The use of compounds according to claim 1 ~~one of the claims 1 to 5~~ for preparation of drugs for immunosuppression.
11. (Currently amended) The use of compounds according to claim 1 ~~one of the claims 1 to 5~~ for preparation of drugs for treatment of neurodermitis.
12. (New) The compounds according to claim 2 wherein the residues R have the meanings indicated above, and wherein R<sub>2</sub> has a water solubility that is at least two times higher, preferably at least five times higher, more preferred at least ten times higher, particularly preferred at least fifty times higher, particularly hundred times higher, or even five hundred times higher compared to R<sub>2</sub> being CH=CH-CH=CH-CH<sub>3</sub>, with all other residues being maintained.
13. (New) The compounds according to claim 2 wherein
  - R<sub>1</sub> means H, C<sub>1</sub>-C<sub>5</sub> alkyl, cycloalkyl, especially H,
  - R<sub>2</sub> means C<sub>1</sub>-C<sub>5</sub> alkyl, C<sub>1</sub>-C<sub>4</sub> alkylaryl, C<sub>2</sub>-C<sub>5</sub> alkenyl, heteroaryl, C<sub>1</sub>-C<sub>4</sub> alkylheteroaryl, CHF<sub>2</sub>, CF<sub>3</sub>, polyol side chain, particularly CHOH-CHOH-CHOH-CHOH-CH<sub>3</sub>, CHOH-CHOH-

CH=CH-CH<sub>3</sub>, CH=CH-CHOH-CHOH-CH<sub>3</sub>, CH<sub>2</sub>Y (Y = F, Cl, Br, I), CH<sub>2</sub>NH<sub>2</sub>, CH<sub>2</sub>NR<sub>21</sub>R<sub>22</sub>, CH<sub>2</sub>NHCOR<sub>23</sub>, CH<sub>2</sub>NHCSR<sub>23</sub>, CH<sub>2</sub>SH, CH<sub>2</sub>S(O)<sub>n</sub>R<sub>21</sub>, with n = 0, 1, 2, CH<sub>2</sub>SCOR<sub>21</sub>, particularly CH<sub>2</sub>OH, CH<sub>2</sub>OR<sub>21</sub>, CH<sub>2</sub>OSO<sub>2</sub>-R<sub>21</sub>, particularly CHO, CH(OR<sub>21</sub>)<sub>2</sub>, CH(SR<sub>21</sub>)<sub>2</sub>, CN, CH=NOH, CH=NOR<sub>21</sub>, CH=NOCOR<sub>21</sub>, CH=N-NHCO-R<sub>23</sub>, CH=CR<sub>24</sub>, R<sub>25</sub> (trans or cis), particularly COOH (particularly their physiologically tolerable salts), COOR<sub>21</sub>,



CONR<sub>21</sub>R<sub>22</sub>, -CH=NR<sub>21</sub>, -CH=N-NR<sub>21</sub>R<sub>22</sub>, (with X' = NR<sub>21</sub>, O, S, and R<sub>211</sub>, R<sub>212</sub>, R<sub>213</sub>, R<sub>214</sub>, R<sub>215</sub> being independently from each other H or C<sub>1</sub>-C<sub>6</sub> alkyl), -CH=N-NHSO<sub>2</sub> aryl, -CH=N-NHSO<sub>2</sub> heteroaryl, CH=N-NHCO-R<sub>23</sub>,

R<sub>21</sub>, R<sub>22</sub> independently from each other mean C<sub>1</sub>-C<sub>6</sub> alkyl, cycloalkyl, aryl, C<sub>1</sub>-C<sub>4</sub> alkylaryl, heteroaryl, C<sub>1</sub>-C<sub>4</sub> alkylheteroaryl,

R<sub>23</sub> independently of R<sub>21</sub>, has the same meanings as R<sub>21</sub>, or CH<sub>2</sub>-pyridinium salts, CH<sub>2</sub>-tri-C<sub>1</sub>-C<sub>6</sub> alkylammonium salts,

R<sub>24</sub> independently of R<sub>21</sub>, has the same meanings as R<sub>21</sub>, or H, CN, COCH<sub>3</sub>, COOH, COOR<sub>21</sub>, CONR<sub>21</sub>R<sub>22</sub>, NH<sub>2</sub>, NHCOR<sub>21</sub>,

R<sub>25</sub> independently of R<sub>21</sub>, has the same meanings as R<sub>21</sub>, or H, CN, COCH<sub>3</sub>, COOH, COOR<sub>21</sub>, CONR<sub>21</sub>R<sub>22</sub>, NH<sub>2</sub>, NHCOR<sub>21</sub>,

R<sub>24</sub>, R<sub>25</sub> together mean C<sub>4</sub>-C<sub>8</sub> cycloalkyl,

R<sub>3</sub> means F, Cl, Br, I, NO<sub>2</sub>, NH<sub>2</sub>, NHCOR<sub>31</sub>,

R<sub>31</sub> independently from each other means C<sub>1</sub>-C<sub>6</sub> alkyl,



R5, R6 independently from each other mean H, C<sub>1</sub>-C<sub>14</sub> alkyl, C<sub>2</sub>-C<sub>14</sub> alkenyl, aryl, C<sub>1</sub>-C<sub>4</sub> alkylaryl, heteroaryl, C<sub>1</sub>-C<sub>4</sub> alkylheteroaryl, cycloalkyl, C<sub>1</sub>-C<sub>4</sub> alkylcycloalkyl, heterocycloalkyl, C<sub>1</sub>-C<sub>4</sub> alkylheterocycloalkyl, C<sub>m</sub>H<sub>2m+o-p</sub>Y<sub>p</sub> (with m = 1 to 6, for o = 1, p = 1 to 2m+o; for m = 2 to 6, o = -1, p = 1 to 2m+o; for m = 4 to 6, o = -2, p = 1 to 2m+o; Y = independently selected from the group consisting of halogen, OH, OR21, NH<sub>2</sub>, NHR21, NR21R22, SH, SR21), or R5 and R6, together with X<sub>1</sub>-C-C-X<sub>2</sub>, form a ring with 5, 6, or 7 members,

R4, R7, R8 independently from each other mean H, C<sub>1</sub>-C<sub>6</sub> alkyl, CO-R41,

R41 independently from R21 has the same meanings as R21,

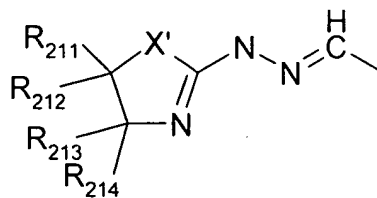
Y3 means O, S, preferably O,

as well their stereoisomers, tautomers, and their physiologically tolerable salts or inclusion compounds.

14. (New) The compounds according to claim 3 wherein

R1 means H, C<sub>1</sub>-C<sub>5</sub> alkyl, cycloalkyl, especially H,

R2 means C<sub>1</sub>-C<sub>5</sub> alkyl, C<sub>1</sub>-C<sub>4</sub> alkylaryl, C<sub>2</sub>-C<sub>5</sub> alkenyl, heteroaryl, C<sub>1</sub>-C<sub>4</sub> alkylheteroaryl, CHF<sub>2</sub>, CF<sub>3</sub>, polyol side chain, particularly CHOH-CHOH-CHOH-CHOH-CH<sub>3</sub>, CHOH-CHOH-CH=CH-CH<sub>3</sub>, CH=CH-CHOH-CHOH-CH<sub>3</sub>, CH<sub>2</sub>Y (Y = F, Cl, Br, I), CH<sub>2</sub>NH<sub>2</sub>, CH<sub>2</sub>NR21R22, CH<sub>2</sub>NHCOR23, CH<sub>2</sub>NHCSR23, CH<sub>2</sub>SH, CH<sub>2</sub>S(O)<sub>n</sub>R21, with n = 0, 1, 2, CH<sub>2</sub>SCOR21, particularly CH<sub>2</sub>OH, CH<sub>2</sub>OR21, CH<sub>2</sub>OSO<sub>2</sub>-R21, particularly CHO, CH(OR21)<sub>2</sub>, CH(SR21)<sub>2</sub>, CN, CH=NOH, CH=NOR21, CH=NOCOR21, CH=N-NHCO-R23, CH=CR24, R25 (trans or cis), particularly COOH (particularly their physiologically tolerable salts), COOR21,



CONR21R22, -CH=NR21, -CH=N-NR21R22, , (with X' =

NR215, O, S, and R211, R212, R213, R214, R215 being independently from each other H or C<sub>1</sub>-C<sub>6</sub> alkyl), -CH=N-NHSO<sub>2</sub> aryl, -CH=N-NHSO<sub>2</sub> heteroaryl, CH=N-NHCO-R23,

R21, R22 independently from each other mean C<sub>1</sub>-C<sub>6</sub> alkyl, cycloalkyl, aryl, C<sub>1</sub>-C<sub>4</sub> alkylaryl, heteroaryl, C<sub>1</sub>-C<sub>4</sub> alkylheteroaryl,

R23 independently of R21, has the same meanings as R21, or CH<sub>2</sub>-pyridinium salts, CH<sub>2</sub>-tri-C<sub>1</sub>-C<sub>6</sub> alkylammonium salts,

R24 independently of R21, has the same meanings as R21, or H, CN, COCH<sub>3</sub>, COOH, COOR21, CONR21R22, NH<sub>2</sub>, NHCOR21,

R25 independently of R21, has the same meanings as R21, or H, CN, COCH<sub>3</sub>, COOH, COOR21, CONR21R22, NH<sub>2</sub>, NHCOR21,

R24, R25 together mean C<sub>4</sub>-C<sub>8</sub> cycloalkyl,

R3 means F, Cl, Br, I, NO<sub>2</sub>, NH<sub>2</sub>, NHCOR31,

R31 independently from each other means C<sub>1</sub>-C<sub>6</sub> alkyl,

R5, R6 independently from each other mean H, C<sub>1</sub>-C<sub>14</sub> alkyl, C<sub>2</sub>-C<sub>14</sub> alkenyl, aryl, C<sub>1</sub>-C<sub>4</sub> alkylaryl, heteroaryl, C<sub>1</sub>-C<sub>4</sub> alkylheteroaryl, cycloalkyl, C<sub>1</sub>-C<sub>4</sub> alkylcycloalkyl, heterocycloalkyl, C<sub>1</sub>-C<sub>4</sub> alkylheterocycloalkyl, C<sub>m</sub>H<sub>2m+o-p</sub>Y<sub>p</sub> (with m = 1 to 6, for o = 1, p = 1 to 2m+o; for m = 2 to 6, o = -1, p = 1 to 2m+o; for m = 4 to 6, o = -2, p = 1 to 2m+o; Y = independently selected from the group consisting of halogen, OH, OR21, NH<sub>2</sub>, NHR21, NR21R22, SH, SR21), or R5 and R6, together with X<sub>1</sub>-C-C-X<sub>2</sub>, form a ring with 5, 6, or 7 members,

R4, R7, R8 independently from each other mean H, C<sub>1</sub>-C<sub>6</sub> alkyl, CO-R41,

R41 independently from R21 has the same meanings as R21,

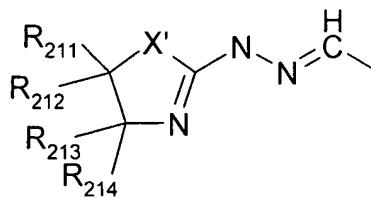
Y3 means O, S, preferably O,

as well their stereoisomers, tautomers, and their physiologically tolerable salts or inclusion compounds.

15. (New) The compounds according to claim 12 wherein

R1 means H, C<sub>1</sub>-C<sub>5</sub> alkyl, cycloalkyl, especially H,

R2 means C<sub>1</sub>-C<sub>5</sub> alkyl, C<sub>1</sub>-C<sub>4</sub> alkylaryl, C<sub>2</sub>-C<sub>5</sub> alkenyl, heteroaryl, C<sub>1</sub>-C<sub>4</sub> alkylheteroaryl, CHF<sub>2</sub>, CF<sub>3</sub>, polyol side chain, particularly CHOH-CHOH-CHOH-CHOH-CH<sub>3</sub>, CHOH-CHOH-CH=CH-CH<sub>3</sub>, CH=CH-CHOH-CHOH-CH<sub>3</sub>, CH<sub>2</sub>Y (Y = F, Cl, Br, I), CH<sub>2</sub>NH<sub>2</sub>, CH<sub>2</sub>NR<sub>21</sub>R<sub>22</sub>, CH<sub>2</sub>NHCOR<sub>23</sub>, CH<sub>2</sub>NHCSR<sub>23</sub>, CH<sub>2</sub>SH, CH<sub>2</sub>S(O)<sub>n</sub>R<sub>21</sub>, with n = 0, 1, 2, CH<sub>2</sub>SCOR<sub>21</sub>, particularly CH<sub>2</sub>OH, CH<sub>2</sub>OR<sub>21</sub>, CH<sub>2</sub>OSO<sub>2</sub>-R<sub>21</sub>, particularly CHO, CH(OR<sub>21</sub>)<sub>2</sub>, CH(SR<sub>21</sub>)<sub>2</sub>, CN, CH=NOH, CH=NOR<sub>21</sub>, CH=NOCOR<sub>21</sub>, CH=N-NHCO-R<sub>23</sub>, CH=CR<sub>24</sub>, R<sub>25</sub> (trans or cis), particularly COOH (particularly their physiologically tolerable salts), COOR<sub>21</sub>,



CONR<sub>21</sub>R<sub>22</sub>, -CH=NR<sub>21</sub>, -CH=N-NR<sub>21</sub>R<sub>22</sub>, (with X' = NR<sub>215</sub>, O, S, and R<sub>211</sub>, R<sub>212</sub>, R<sub>213</sub>, R<sub>214</sub>, R<sub>215</sub> being independently from each other H or C<sub>1</sub>-C<sub>6</sub> alkyl), -CH=N-NHSO<sub>2</sub> aryl, -CH=N-NHSO<sub>2</sub> heteroaryl, CH=N-NHCO-R<sub>23</sub>,

R<sub>21</sub>, R<sub>22</sub> independently from each other mean C<sub>1</sub>-C<sub>6</sub> alkyl, cycloalkyl, aryl, C<sub>1</sub>-C<sub>4</sub> alkylaryl, heteroaryl, C<sub>1</sub>-C<sub>4</sub> alkylheteroaryl,

R<sub>23</sub> independently of R<sub>21</sub>, has the same meanings as R<sub>21</sub>, or CH<sub>2</sub>-pyridinium salts, CH<sub>2</sub>-tri-C<sub>1</sub>-C<sub>6</sub> alkylammonium salts,

R24 independently of R21, has the same meanings as R21, or H, CN, COCH<sub>3</sub>, COOH, COOR21, CONR21R22, NH<sub>2</sub>, NHCOR21,

R25 independently of R21, has the same meanings as R21, or H, CN, COCH<sub>3</sub>, COOH, COOR21, CONR21R22, NH<sub>2</sub>, NHCOR21,

R24, R25 together mean C<sub>4</sub>-C<sub>8</sub> cycloalkyl,

R3 means F, Cl, Br, I, NO<sub>2</sub>, NH<sub>2</sub>, NHCOR31,

R31 independently from each other means C<sub>1</sub>-C<sub>6</sub> alkyl,

R5, R6 independently from each other mean H, C<sub>1</sub>-C<sub>14</sub> alkyl, C<sub>2</sub>-C<sub>14</sub> alkenyl, aryl, C<sub>1</sub>-C<sub>4</sub> alkylaryl, heteroaryl, C<sub>1</sub>-C<sub>4</sub> alkylheteroaryl, cycloalkyl, C<sub>1</sub>-C<sub>4</sub> alkylcycloalkyl, heterocycloalkyl, C<sub>1</sub>-C<sub>4</sub> alkylheterocycloalkyl, C<sub>m</sub>H<sub>2m+o-p</sub>Y<sub>p</sub> (with m = 1 to 6, for o = 1, p = 1 to 2m+o; for m = 2 to 6, o = -1, p = 1 to 2m+o; for m = 4 to 6, o = -2, p = 1 to 2m+o; Y = independently selected from the group consisting of halogen, OH, OR21, NH<sub>2</sub>, NHR21, NR21R22, SH, SR21), or R5 and R6, together with X<sub>1</sub>-C-C-X<sub>2</sub>, form a ring with 5, 6, or 7 members,

R4, R7, R8 independently from each other mean H, C<sub>1</sub>-C<sub>6</sub> alkyl, CO-R41,

R41 independently from R21 has the same meanings as R21,

Y3 means O, S, preferably O,

as well their stereoisomers, tautomers, and their physiologically tolerable salts or inclusion compounds.